IMAGE COMING SOON

Part Number: FDSD036AJ

Indoor/Outdoor Plenum OS2 Distribution Tight Buffer 36f

Product Description

FX Indoor/Outdoor OS2 Distribution Tight Buffer 36 Fibers OFCP Aluminum Interlocked Armor Sub-Units(6F) Black Jacket

Technical Specifications

Product Overview

Part Number:	FDSD036AJ
Construction Type:	Distribution
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor / Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	36

Fiber Type:	OS2
Fiber Count:	36
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Fiber Type	Buffer Material	Buffer Diameter
OS2	Thermoplastic	900 µm

Central Strength Member:	Upjacketed GRP
Cable Core Water Blocking:	Waterblocking Tape

SubUnit Specifications

Number of Active Subunits:	6
Number of Subunit Positions:	6
Fibers Per Subunit:	6
SubUnit Diameter:	0.180 in (4.6 mm)
SubUnit Waterblocking:	Water Blocking Aramid Yarns

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Interlocked Aluminum
Number of Inner Jacket Ripcords:	1
Color@InnerJacket1:	Black
Nominal Diameter@InnerJacket1:	0.59 in
Material@InnerJacket1:	PVDF

Outer Jacket Material

Material	Nominal Diameter
PVC	0.88 in (22.4 mm)

Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	1

Optical Characteristics

Mode Field Diameter:	9.2
Fiber Core Diameter:	8.2/125µm
Max Attenuation at 1310 nm:	0.5 dB/km
Max Attenuation at 1550 nm:	0.5 dB/km
Wavelength:	1310 nm / 1550 nm
10 Gigabit Ethernet Performance:	10,000 m / 40,000 m
1 Gigabit Ethernet Performance:	5,000 m / -

Mechanical Characteristics

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	135 N (600 lbf)
Max Tensile Strength During Operation:	45 N (200 lbf)

Temperature Range

Operating Temp Range:	-40C to +70C
Installation Temp Range:	-20C to +70C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	Plenum
CEC/C(UL) Specification:	OFNP
Telecommunications Standards:	ANSI/ICEA S-104-696
RoHS:	Yes

History

Variants

Item #	Color
FDSD036AJ	Black